

RECEIVED

OCT 03 2001

OIPE

TECH CENTER 1600 2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/202,549A

DATE: 2001-08-22
TIME: 11:11

Input File: A:\PTO_VSK.txt

Input File: N:\CRF3\09072001\I202549A.raw

```

110> APPLICANT: Tishlis, Philip
111> Grimes, Leimton III H
112> Zweidler-McKay, Patrick
113> 120> TITLE OF INVENTION: NUCLEIC ACID MOLECULE FOR ENHANCING GENE EXPRESSION
114> 130> FILE REFERENCE: F00000-11
115> 140> CURRENT APPLICATION NUMBER: US 09/202,549A
C--> 23 <141> CURRENT FILING DATE: 2001-08-22
116> 150> PRIOR APPLICATION NUMBER: F00000-11
117> 160> PRIOR FILING DATE: 1997-08-17
118> 170> PRIOR APPLICATION NUMBER: US 09/202,549A
119> 180> PRIOR FILING DATE: 1996-08-17
120> 190> NUMBER OF SEQ ID NOS: 14
121> 200> SOFTWARE: PatScan version 3.1
122> 210> SEQ ID NO: 1
123> 211> LENGTH: 12
124> 212> TYPE: DNA
125> 213> ORGANISM: Artificial Sequence
126> 220> FEATURE:
127> 223> OTHER INFORMATION: Gfi-1 binding sequence
128> 224> FEATURE:
129> 225> NAME/KEY: misc_feature
130> 226> LOCATION: (1)..(12)
131> 227> OTHER INFORMATION: "n" is any nucleotide
132> 228> FEATURE:
133> 229> NAME/KEY: misc_feature
134> 230> LOCATION: (9)..(9)
135> 231> OTHER INFORMATION: "n" is any nucleotide
136> 400> SEQUENCE: 1
W--> 82 naaatcacng ca 12
137> 210> SEQ ID NO: 2
138> 211> LENGTH: 12
139> 212> TYPE: DNA
140> 213> ORGANISM: Artificial Sequence
141> 220> FEATURE:
142> 223> OTHER INFORMATION: Gfi-1 binding sequence
143> 224> FEATURE:
144> 225> NAME/KEY: misc_feature
145> 226> LOCATION: (1)..(12)
146> 227> OTHER INFORMATION: "n" is "-" or "n"
147> 400> SEQUENCE: 1
W--> 110 taaatcacng ca 12
148> 210> SEQ ID NO: 3
149> 211> LENGTH: 12
150> 212> TYPE: DNA
151> 213> ORGANISM: Artificial Sequence
152> 220> FEATURE:
153> 223> OTHER INFORMATION: Gfi-1 binding sequence
154> 224> FEATURE:
155> 225> NAME/KEY: misc_feature
156> 226> LOCATION: (1)..(12)
157> 227> OTHER INFORMATION: "n" is "-" or "n"
158> 400> SEQUENCE: 1

```

RAW SEQUENCE LISTING

PATENT AFFILIATION: US/09/202,549A

DATE: 2001-01-01

TIME: 11:01

Input File: A:\PTO_VSK.txt

Output File: N:\CRF3\09072001\I202549A.raw

```

127 <210> FEATURE:
128 <211> NAME/KEY: misc_feature
129 <212> LOCATION: 1..1
130 <213> OTHER INFORMATION: "a" is any nucleotide
137 <220> FEATURE:
138 <221> NAME/KEY: misc_feature
141 <222> LOCATION: 1..1
143 <223> OTHER INFORMATION: "a" is any nucleotide
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
151 <222> LOCATION: 1..1
153 <223> OTHER INFORMATION: "a" is "c" "g" or "t", or is absent, or is an
all;nucleotide of
154 two or more nucleotides
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
162 <222> LOCATION: 1..1
164 <223> OTHER INFORMATION: "a" is "c" "g" or "t", or is absent, or is an
all;nucleotide of
165 two or more nucleotides
169 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
173 <222> LOCATION: 1..1
175 <223> OTHER INFORMATION: "a" is "c" "g" or "t", or is absent, or is an
all;nucleotide of
176 two or more nucleotides
180 <400> SEQUENCE: 3
W--> 181 nannnnacng ca 12
184 <210> SEQ ID NO: 4
186 <211> LENGTH: 24
188 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
196 <223> OTHER INFORMATION: Gfi-1 binding sequence
198 <220> FEATURE:
200 <221> NAME/KEY: misc_feature
202 <222> LOCATION: 1..1
204 <223> OTHER INFORMATION: "a" is "a" or "c"
208 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
212 <222> LOCATION: 1..1
214 <223> OTHER INFORMATION: "a" is "inosine" or "c"
218 <220> FEATURE:
220 <221> NAME/KEY: misc_feature
222 <222> LOCATION: 1..1
224 <223> OTHER INFORMATION: "a" is "a" or "c"
228 <400> SEQUENCE: 4
W--> 229 anaaaaaiaaa tcacngcata tgcc 24
232 <210> SEQ ID NO: 5
234 <211> LENGTH: 24
236 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/202,549A

DATE: 09/07/01

TIME: 11:11

Input File: A:\PTO_VSK.txt

Input Set: N:\CRF3\09072001\I202549A.raw

```

142 <220> FEATURE:
143 <223> OTHER INFORMATION: Gfi-1 binding sequence
144 <400> SEQUENCE:
145 atcatcaccg cctaaatgac cctatatt ggc
146 <210> SEQ ID NO: 4
147 <211> LENGTH: 13
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Gfi-1 binding oligonucleotide
152 <400> SEQUENCE: 6
153 atcatcaccg cctaaatgac cctatatt ggc
154 <210> SEQ ID NO:
155 <211> LENGTH: 24
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Gfi-1 binding oligonucleotide
160 <400> SEQUENCE:
161 caccacatag atcactgccc atcc
162 <210> SEQ ID NO: 8
163 <211> LENGTH: 24
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Gfi-1 binding oligonucleotide
168 <400> SEQUENCE: 8
169 caccacatag atcactgccc atcc
170 <210> SEQ ID NO: 9
171 <211> LENGTH: 24
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Gfi-1 binding oligonucleotide
176 <400> SEQUENCE: 9
177 caccacataa ataactgccc atcc
178 <210> SEQ ID NO: 10
179 <211> LENGTH: 24
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Gfi-1 binding oligonucleotide
184 <400> SEQUENCE: 10
185 caccacataa ataactgccc atcc
186 <210> SEQ ID NO: 11
187 <211> LENGTH: 24
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:

```

RAW SEQUENCE LISTING

PATENT APPLICATION N: US/09/202,549A

DATE: 2009-01-11

TIME: 14:11

Input File : A:\PTO_VSK.txt

Output File : N:\CRF3\09072001\I202549A.raw

```

353 <213> OTHER INFORMATION: Gfi-1 binding sequence
354 <401> SEQUENCE: 12
355 caccacatga atgatttctt atg 14
356 <210> SEQ ID NO: 12
357 <211> LENGTH: 300
358 <212> TYPE: DNA
359 <213> ORGANISM: Artificial Sequence
360 <220> FEATURE:
361 <223> OTHER INFORMATION: Gfi-1 binding sequence
362 <400> SEQUENCE: 12
363 gccacccctgg cgcacccccc aacgaccccc cggcattgac gtcacataatg acgtatgttc 60
364 ccatagtaac gccaataggg acctttccatt gacgtcaatg ggtggagtat ttacggttaa 120
365 ctgcccactt ggcagtacat caagtgtatc atatgcacag taaggccccc attgagctca 180
366 atgacggtaa atggcccgcc tggcattatg cccagtaaat gacattatgg gactttccca 240
367 cttggcagta catctacgta ttagtcacag ctattacat ggtgatgagg ttttggcagt 300
368 acatcaatgg gcgtggatag cgttttgact caccgggaat tcccaagtgc caccaccatt 360
369 acgtcaatgg gagtttggtt tggcaccaaa ctcaacggga atttccaaaa tctcgtaaca 420
370 actccgcccc attgacgcaa atgggcggta ggcgtgacg gtggggaggtc tatataagca 480
371 gagctcggtt agtgaaccgt
372 <210> SEQ ID NO: 13
373 <211> LENGTH: 300
374 <212> TYPE: DNA
375 <213> ORGANISM: Artificial Sequence
376 <220> FEATURE:
377 <223> OTHER INFORMATION: Gfi-1 binding sequence
378 <400> SEQUENCE: 13
379 gccacccctga cgcacccccc aacgaccccc cggcattgac gtcacataatg acgtatgttc 60
380 ccatagtaac gccaataggg acctttccatt gacgtcaatg ggtggagtat ttacggttaa 120
381 ctgcccactt ggcagtacat caagtgtatc atatgcacag taaggccccc attgagctca 180
382 atgacggtaa atggcccgcc tggcattatg cccagtaaat gacattatgg gactttccca 240
383 cttggcagta catctacgta ttagtcacag ctattacat ggtgatgagg ttttggcagt 300
384 acatcaatgg gcgtggatag cgttttgact caccgggaat tcccaagtgc caccaccatt 360
385 acgtcaatgg gagtttggtt tggcaccaaa ctcaacggga atttccaaaa tctcgtaaca 420
386 actccgcccc attgacgcaa atgggcggta ggcgtgacg gtggggaggtc tatataagca 480
387 gagctcggtt agtgaaccgt
388 <210> SEQ ID NO: 14
389 <211> LENGTH: 300
390 <212> TYPE: DNA
391 <213> ORGANISM: Artificial Sequence
392 <220> FEATURE:
393 <223> OTHER INFORMATION: Gfi-1 binding sequence
394 <400> SEQUENCE: 14
395 gccacccctgg cgcacccccc aacgaccccc cggcattgac gtcacataatg acgtatgttc 60
396 ccatagtaac gccaataggg acctttccatt gacgtcaatg ggtggagtat ttacggttaa 120
397 ctgcccactt ggcagtacat caagtgtatc atatgcacag taaggccccc attgagctca 180
398 atgacggtaa atggcccgcc tggcattatg cccagtaaat gacattatgg gactttccca 240
399 cttggcagta catctacgta ttagtcacag ctattacat ggtgatgagg ttttggcagt 300
400 acatcaatgg gcgtggatag cgttttgact caccgggaat tcccaagtgc caccaccatt 360
401 acgtcaatgg gagtttggtt tggcaccaaa ctcaacggga atttccaaaa tctcgtaaca 420
402 actccgcccc attgacgcaa atgggcggta ggcgtgacg gtggggaggtc tatataagca 480
403 gagctcggtt agtgaaccgt

```

RAW SEQUENCE LISTING

PATENT ALERT REF ID: US/09/202,549A

Trial	Control	MCI	AD
1	85	75	65
2	88	78	68
3	90	80	70
4	92	82	72
5	95	85	75

Age	1000 Condition (%)	10000 Condition (%)
8	65	45
10	70	80
12	75	82
14	80	83
16	85	85

File Name : A:\PTO_VSK.txt

N:\CRF3\09072001\I202549A.raw

[illegible]

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/202,549A

DATE: 09/07/01

TIME: 11:11:11

Input File: A:\PTO_VSK.txt

Output File: N:\CRF3\09072001\I202549A.raw

Line M:101 N: Current Filing Date differs, expected: Current Filing Date

Line M:101 W: 40 "1" > "Xia" used, 1: 1E, 11#1

Line M:101 W: 40 "1" > "Xia" used, 1: 1E, 11#1

Line M:101 W: 40 "1" > "Xia" used, 1: 1E, 11#1

Line M:101 W: 40 "1" > "Xia" used, 1: 1E, 11#1